

Appl. No. : 10/006,867
Filed : December 6, 2001

AMENDMENTS TO THE CLAIMS

1-41 (Cancelled)

42. (Currently Amended) An isolated polypeptide having at least 95% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO:2;
- (b) the amino acid sequence of the polypeptide of SEQ ID NO:2 lacking its associated signal peptide;
- (c) the amino acid sequence of the extracellular domain (~~ECD~~) of the polypeptide of SEQ ID NO:2, ~~wherein the ECD is the region between the first amino acid and a transmembrane domain, wherein said transmembrane domain is selected from the region consisting of: the amino acids from about 54 to about 73, the amino acids from about 94 to about 113, the amino acids from about 160 to about 180, and the amino acids from about 122 to about 141;~~
- (d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2, lacking its associated signal peptide; or
- (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203099,
~~wherein the nucleic acid encoding said polypeptide is amplified in rectal tumors~~
wherein said extracellular domain is amino acids 34-366 of SEQ ID NO:2; and
wherein said isolated polypeptide is more highly expressed in rectal tumors or normal lung compared to normal rectum or lung tumor respectively, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in rectal tumors or normal lung compared to normal rectum or lung tumor respectively.

43. (Currently Amended) The isolated polypeptide of Claim 42 having at least 99% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO:2;
- (b) the amino acid sequence of the polypeptide of SEQ ID NO:2 lacking its associated signal peptide;
- (c) the amino acid sequence of the extracellular domain (~~ECD~~) of the polypeptide of SEQ ID NO:2, ~~wherein the ECD is the region between the first amino acid and a transmembrane domain, wherein said transmembrane domain is selected from the region consisting of: the~~

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~~amino acids from about 54 to about 73, the amino acids from about 94 to about 113, the amino acids from about 160 to about 180, and the amino acids from about 122 to about 141;~~

(d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2, lacking its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203099,

~~wherein the nucleic acid encoding said polypeptide is amplified in rectal tumors~~

wherein said extracellular domain is amino acids 34-366 of SEQ ID NO:2; and

wherein said isolated polypeptide is more highly expressed in rectal tumors or normal lung compared to normal rectum or lung tumor respectively, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in rectal tumors or normal lung compared to normal rectum or lung tumor respectively.

44. (Currently amended) An isolated polypeptide comprising:

(a) the amino acid sequence of the polypeptide of SEQ ID NO:2;

(b) the amino acid sequence of the polypeptide of SEQ ID NO:2 lacking its associated signal peptide;

(c) the amino acid sequence of the extracellular domain (~~ECD~~) of the polypeptide of SEQ ID NO:2, ~~wherein the ECD is the region between the first amino acid and a transmembrane domain, wherein said transmembrane domain is selected from the region consisting of: the amino acids from about 54 to about 73, the amino acids from about 94 to about 113, the amino acids from about 160 to about 180, and the amino acids from about 122 to about 141;~~

(d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2 lacking its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203099; and

wherein said extracellular domain is amino acids 34-366 of SEQ ID NO:2.

45. (Previously presented) The isolated polypeptide of Claim 44 comprising the amino acid sequence of the polypeptide of SEQ ID NO:2.

46. (Previously presented) The isolated polypeptide of Claim 44 comprising the amino acid sequence of the polypeptide of SEQ ID NO:2 lacking its associated signal peptide.

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47. (Previously presented) The isolated polypeptide of Claim 44 comprising the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2.

48. (Previously presented) The isolated polypeptide of Claim 44 comprising the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:2, lacking its associated signal peptide.

49. (Previously presented) The isolated polypeptide of Claim 44 comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203099.

50. (Previously presented) A chimeric polypeptide comprising a polypeptide according to Claim 42 fused to a heterologous polypeptide.

51. (Currently amended) The chimeric polypeptide of Claim 50, wherein the heterologous polypeptide is an tag polypeptide or an Fc region of an immunoglobulin.